REMARKS

The present application is a divisional application of co-pending Application No. 09/751,274. This preliminary amendment is being submitted to place the divisional application in proper condition for examination in order to expedite prosecution towards an early allowance. The amendment is fully supported by the application as originally filed and does not add any new matter to the specification.

Favorable treatment is urged.

Respectfully submitted,

WYETH

Date: July 10, 2003

By: Anne M Rosenblum
Anne M. Rosenblum
Attorney for Applicants
Registration No. 30,419

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Anne M Rosenblum
Anne M. Rosenblum

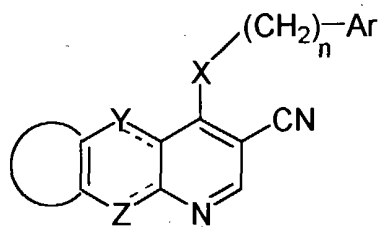
ANNE M. ROSENBLUM ATTORNEY AT LAW
163 DELAWARE AVENUE - SUITE 212 • DELMAR, NEW YORK 12054 • TELEPHONE: (518) 475-0611

APPENDIX

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended). A compound of formula 1 having the structure:



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wherein:

Ar is cycloalkyl of 3 to 7 carbon atoms, which may be optionally substituted with one or more alkyl of 1 to 6 carbon atoms; or

Ar is a pyridinyl, pyrimidinyl, or phenyl ring; wherein the pyridinyl, pyrimidinyl, or phenyl ring may be optionally mono-, di-, or tri-substituted with substituent(s) independently selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, carboxyalkyl of 2-7 carbon atoms, carboalkoxyalkyl of 3-8 carbon atoms, aminoalkyl of 1-5 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-10 carbon atoms, N-alkylaminoalkoxy of 3-9 carbon atoms, N,N-dialkylaminoalkoxy of 4-10 carbon atoms, mercapto, methylmercapto and benzoylamino; or

Ar is a bicyclic aryl or bicyclic heteroaryl ring system of 8 to 12 atoms where the bicyclic heteroaryl ring may contain 1 to 4 heteroatoms selected from N, O, and S wherein the bicyclic aryl or bicyclic heteroaryl ring may be optionally mono- di-, tri, or tetra-substituted with substituent(s) independently selected from the group consisting of halogen, oxo, thiocarbonyl, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenoxy, phenyl, thiophenoxy, benzoyl, benzyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, phenylamino, benzylamino, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, carboxyalkyl of 2-7 carbon atoms, carboalkoxyalkyl of 3-8 carbon atoms, aminoalkyl of 1-5 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-10 carbon atoms, N-alkylaminoalkoxy of 3-9 carbon atoms, N,N-dialkylaminoalkoxy of 4-10 carbon atoms, mercapto, methylmercapto, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

Ar is the radical:

A' is a pyridinyl, pyrimidinyl, or phenyl ring; wherein the pyridinyl, pyrimidinyl, or phenyl ring may be optionally mono- or di-substituted with a substituent(s) independently selected from the group consisting of alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halogen, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenoxy, phenyl, thiophenoxy, benzoyl, benzyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, phenylamino, benzylamino, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms,

carboxyalkyl of 2-7 carbon atoms, carboalkoxyalkyl of 3-8 carbon atoms, aminoalkyl of 1-5 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-10 carbon atoms, N-alkylaminoalkoxy of 3-9 carbon atoms, N,N-dialkylaminoalkoxy of 4-10 carbon atoms, mercapto, methylmercapto, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino;

T is substituted on A' at carbon and is $-NH(CH_2)_m-$, $-O(CH_2)_m-$, $-S(CH_2)_m-$, $-NR(CH_2)_m-$, $-(CH_2)_m-$, $-(CH_2)_mNH-$, $-(CH_2)_mO-$, $-(CH_2)_mS-$, $-SO(CH_2)_m-$, $-SO_2(CH_2)_m-$, $-CO(CH_2)_m-$, $-(CH_2)_mCO-$, $-(CH_2)_mSO-$, $-(CH_2)_mSO_2-$ or $-(CH_2)_mNR-$;

L is a phenyl ring that is optionally substituted with one, two, or three substituent(s) independently selected from the group consisting of alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halogen, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenoxy, phenyl, thiophenoxy, benzoyl, benzyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, phenylamino, benzylamino, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, carboxyalkyl of 2-7 carbon atoms, carboalkoxyalkyl of 3-8 carbon atoms, aminoalkyl of 1-5 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-10 carbon atoms, N-alkylaminoalkoxy of 3-9 carbon atoms, N,N-dialkylaminoalkoxy of 4-10 carbon atoms, mercapto, methylmercapto, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

L is a 5- or 6-membered heteroaryl ring where the heteroaryl ring contains 1 to 3 heteroatoms selected from N, O, and S and where the heteroaryl ring may be optionally mono- or di-substituted with substituent(s) selected from the group consisting of halogen, oxo, thiocarbonyl, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7

carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenoxy, phenyl, thiophenoxy, benzoyl, benzyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, phenylamino, benzylamino, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, carboxyalkyl of 2-7 carbon atoms, carboalkoxyalkyl of 3-8 carbon atoms, aminoalkyl of 1-5 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-10 carbon atoms, N-alkylaminoalkoxy of 3-9 carbon atoms, N,N-dialkylaminoalkoxy of 4-10 carbon atoms, mercapto, methylmercapto, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino;

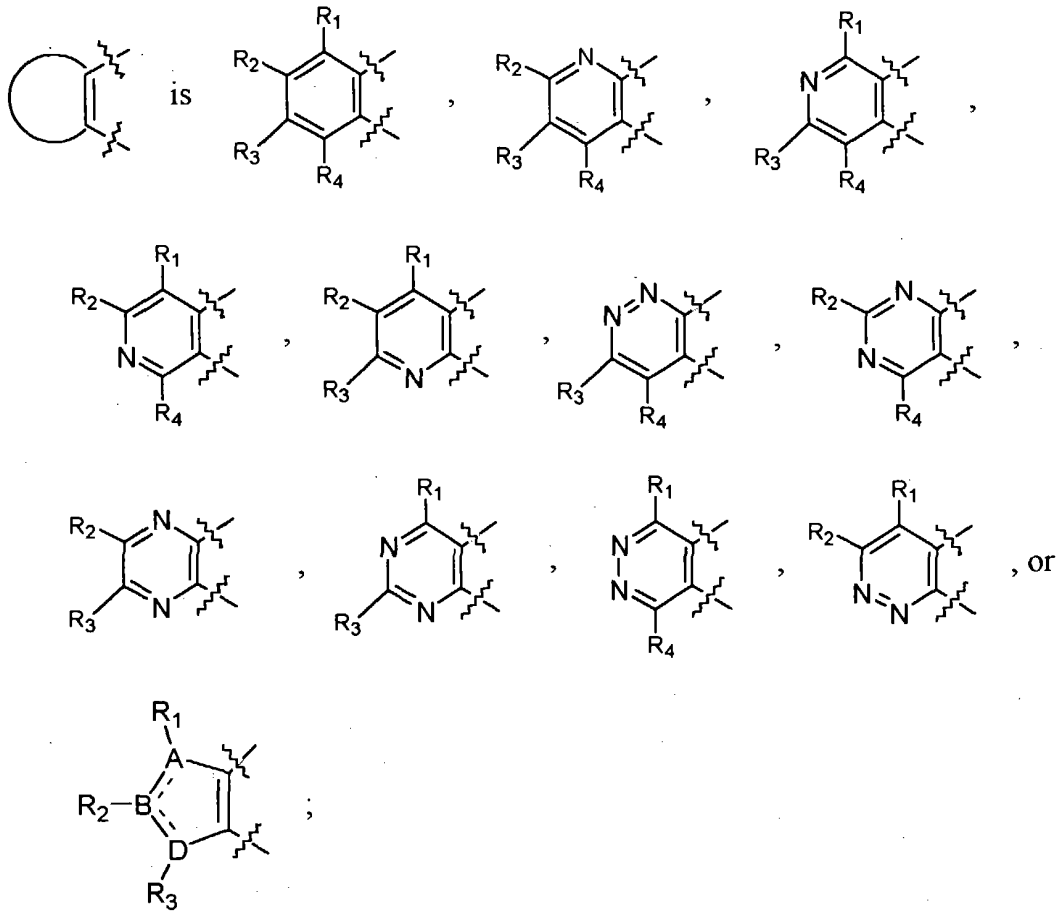
m is 0-3;

n is 0-1;

X is NH, O, S, or NR;

R is alkyl of 1-6 carbon atoms;

Y and Z are both carbon or N; the ring structure of formula **1** then being a fused 5,6,6 or 6,6,6 tricycle; or one of Y and Z is N, O or S, and the other is a bond between the two end rings; the ring structure of formula **1** then being a fused 5,5,6 or 6,5,6 tricycle; or one of Y or Z is N with the other being carbon; the ring structure of formula **1** then being a fused 5,6,6 or 6,6,6 tricycle;



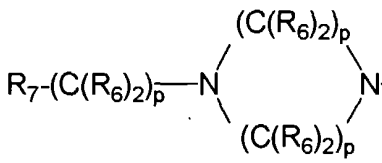
A and D are each, independently, carbon, N, O, or S;

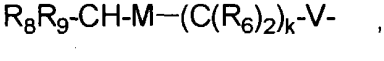
B is carbon or N;

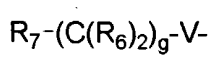
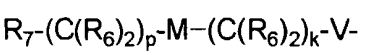
the dashed line indicates an optional double bond;

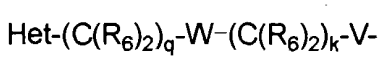
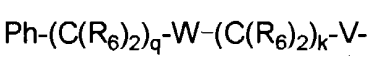
R_1, R_2, R_3, and R_4 are each, independently, not present, hydrogen, halogen, hydroxy, amino, hydroxyamino, trifluoromethyl, trifluoromethoxy, mercapto, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6 carbon atoms, alkynyloxy of 2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, alkenylsulfonamido of 2-6 carbon atoms, alkynylsulfonamido of 2-6 carbon atoms, cyano,

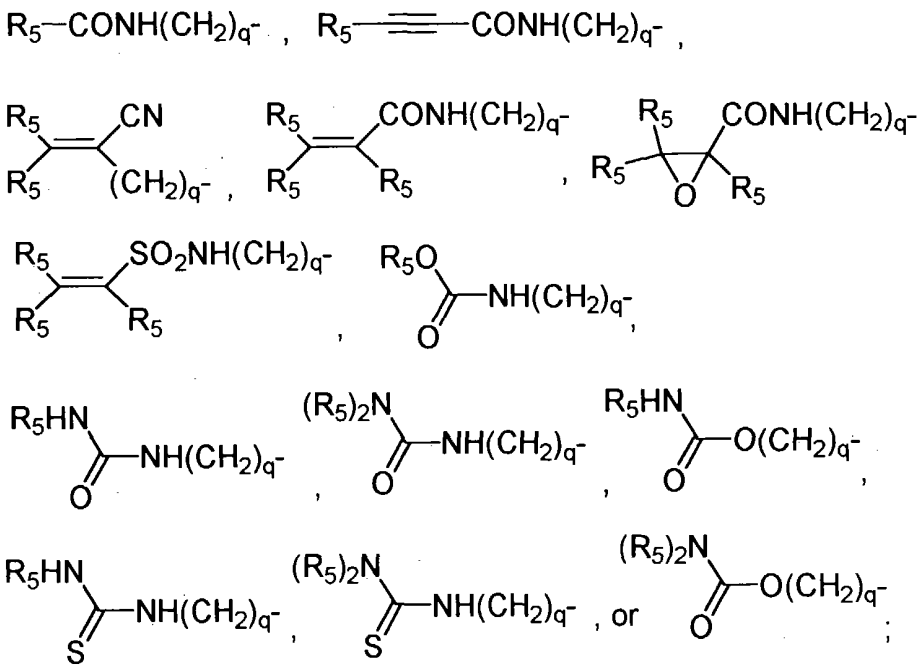
nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, alkenoyl of 3-7 carbon atoms, N-alkyl-N-alkenylamino of 4 to 12 carbon atoms, N,N-dialkenylamino of 6-12 carbon atoms, phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, alkanoyloxy of 2-7 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxymethyl group of 2-7 carbon atoms, alkenoyloxymethyl group of 2-7 carbon atoms, alkynoyloxymethyl group of 2-7 carbon atoms, azido, benzoyl, carboxyalkyl of 2-7 carbons, carboalkoxyalkyl of 3-8 carbon atoms,



,  ,

 ,  ,

 ,  ,



R_5 is independently hydrogen, alkyl of 1-6 carbon atoms, aminoalkyl of 1-6 carbon atoms, N-alkylaminoalkyl of 2-9 carbon atoms, N,N-dialkylaminoalkyl of 3-12 carbon atoms, N-cycloalkylaminoalkyl of 4-12 carbon atoms, N-cycloalkyl-N-alkylaminoalkyl of 5-18 carbon atoms, N,N-dicycloalkylaminoalkyl of 7-18 carbon atoms, morpholino-N-alkyl wherein the alkyl group is 1-6 carbon atoms, piperidino-N-alkyl wherein the alkyl group is 1-6 carbon atoms, N-alkyl-piperazino-N-alkyl wherein either alkyl group is 1-6 carbon atoms, azacycloalkyl-N-alkyl of 3-11 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, alkoxyalkyl of 2-8 carbon atoms, or phenyl;

V is $(CH_2)_m$, O, S, or NR_6;

R_7 is NR_6R_6, OR_6, J, $N(R_6)_3^+$, or $NR_6(OR_6)$;

M is NR_6, O, S, N-$[(C(R_6)_2)_pNR_6R_6]$, or N-$[(C(R_6)_2)_p$-$OR_6]$;

W is NR_6, O, S, or is a bond;

Het is a heterocycle selected from the group consisting of morpholine, thiomorpholine, thiomorpholine S-oxide, thiomorpholine S,S-dioxide, piperidine, pyrrolidine, aziridine, pyridine, imidazole, 1,2,3-triazole, 1,2,4-triazole, thiazole, thiazolidine, tetrazole, piperazine, furan, thiophene, tetrahydrothiophene, tetrahydrofuran, dioxane, 1,3-dioxolane

pyrrole, and tetrahydropyran; wherein the heterocycle is optionally mono- or di-substituted on carbon or nitrogen with R_6; optionally mono- or di-substituted on carbon with hydroxy, $-N(R_6)_2$, or $-OR_6$; optionally mono or di-substituted on carbon with the mono-valent radicals $-(C(R_6)_2)_sOR_6$ or $-[(C(R_6)_2)_sN(R_6)_2]$; or optionally mono or di-substituted on a saturated carbon with divalent radicals =O or $-O(C(R_6)_2)_sO-$;

Ph is a phenyl ring optionally mono-, di- or tri-substituted with halogen, alkyl of 1-6 carbon atoms, trifluoromethyl, nitro, cyano, azido, halomethyl, carboxyl, alkoxycarbonyl, alkylthio, mercapto, mercaptomethyl, $-N(R_6)_2$, $-OR_6$, $-(C(R_6)_2)_sOR_6$, $-[(C(R_6)_2)_sN(R_6)_2]$, or $-(C(R_6)_2)_kHet$;

R_6 is hydrogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, cycloalkyl of 1-6 carbon atoms, alkanoyl of 2-7 carbon atoms, carbamoylalkyl of 2-7 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, hydroxycycloalkyl of 3-6 carbon atoms, or carboxyalkyl of 2-7 carbon atoms; or

R_6 is phenyl optionally mono-, di-, or tri-substituted with substituent(s) independently selected from halogen, alkoxy of 1-6 carbon atoms, trifluoromethyl, amino, alkylamino of 1-3 carbon atoms, dialkylamino of 2-6 carbon atoms, nitro, cyano, azido, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, carboxyl, alkoxycarbonyl of 2-7 carbon atoms, phenoxy, phenyl, thiophenoxy, benzoyl, benzyl, phenylamino, benzylamino; alkanoylamino of 1-6 carbon atoms or alkyl of 1-6 carbon atoms;

R_8 and R_9 are each, independently, $-[(C(R_6)_2)_rNR_6R_6]$, and $-[(C(R_6)_2)_r\ OR_6]$;

J is independently hydrogen, chlorine, fluorine, or bromine;

g = 1-6;

k = 0-4;

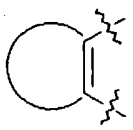
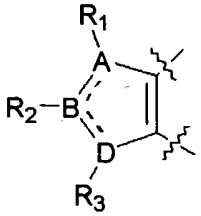
p = 2-4;

q= 0-4;

r = 1-4;

s = 1-6;

or a pharmaceutically acceptable salt thereof;

provided that when  is  ,

at least one of the bonds between A and B or B and D must be a double bond, with the other being a single bond;

at least one of A, B, and D are not carbon;

only one of A, B, or D can be O or S;

when A, B, or D is O or S, the adjacent atoms must be carbon;

provided that when R_5 is bound to a nitrogen atom, the resulting structures do not include -N-C-N- or -O-C-N- radicals; and when R_5 is bound to an oxygen atom, the resulting structures do not include an -N-C-O- radical;

provided that when R_6 is alkenyl of 2-7 carbon atoms or alkynyl of 2-7 carbon atoms, the alkenyl or alkynyl moieties are bound to a nitrogen or oxygen atom through a saturated carbon atom in the alkenyl or alkynyl chain;

provided that when V is NR_6 and R7 is NR_6R_6, $N(R_6)_3^+$, or $NR_6(OR_6)$, then g = 2-6;

provided that when M is O or S and R7 is OR_6, then p = 1-4;

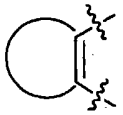
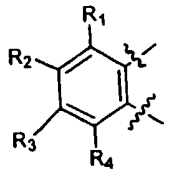
provided that when V is NR_6, O, or S, then k = 2-4;

provided that when V is O or S and M or W is O or S, then k = 1-4;

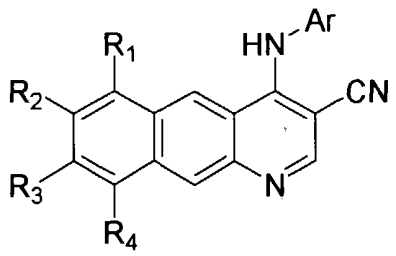
provided that when W is not a bond with Het bonded through a nitrogen atom then q = 2-4; and

~~finally~~ provided ~~that~~ when W is a bond with Het bonded through a nitrogen atom and V is O or NR_6 or S, then k = 2-4; and

~~provided that when Ar is a cycloalkyl, a phenyl ring or an optionally substituted phenyl ring, X is NH or NR, and Y and Z are both carbon, then~~

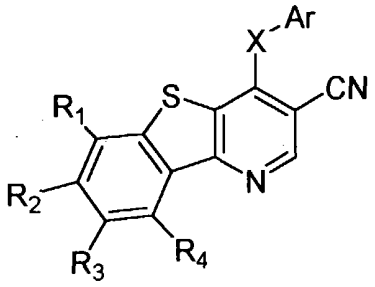
 cannot be  .

Claim 2 (original). The compound of claim 1, having the structure

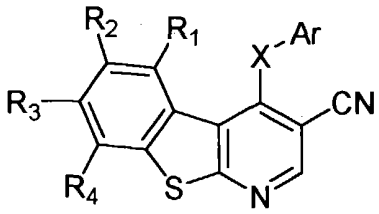


or a pharmaceutically acceptable salt thereof.

Claim 3 (original). The compound of claim 1, having the structure



or

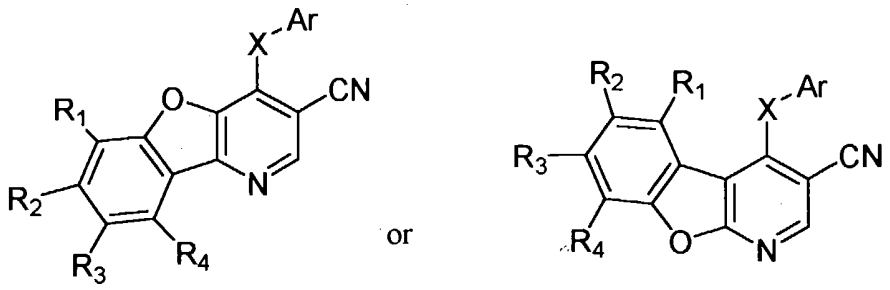


wherein

X is selected from NH, sulfur or oxygen;

or a pharmaceutically acceptable salt thereof.

Claim 4 (original). The compound of claim 1, having the structure

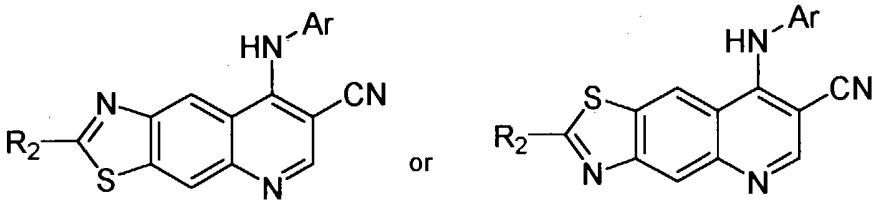


wherein

X is selected from NH, sulfur, or oxygen;

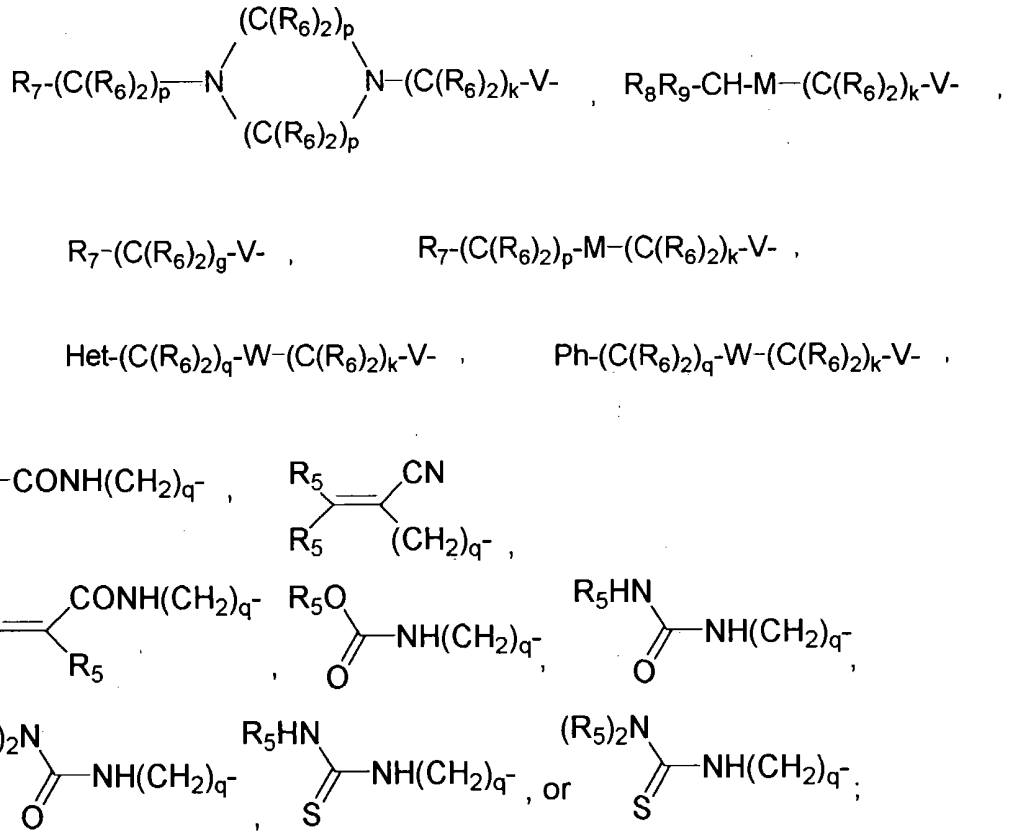
or a pharmaceutically acceptable salt thereof.

Claim 5 (original). The compound of claim 1, having the structure



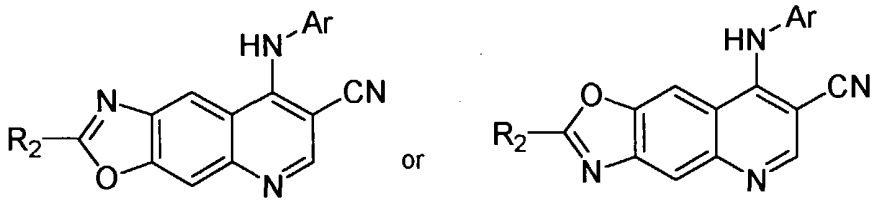
wherein

R_2 is hydrogen, amino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, dialkylamino of 2 to 12 carbon atoms,



or a pharmaceutically acceptable salt thereof.

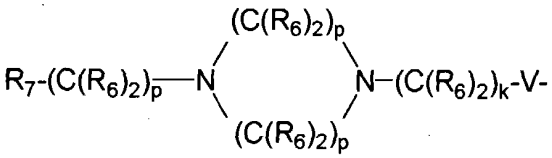
Claim 6 (original). The compound of claim 1, having the structure

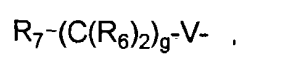
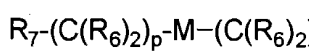


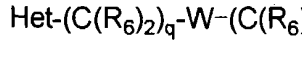
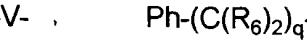
wherein

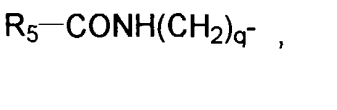
R_2 is hydrogen, amino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6

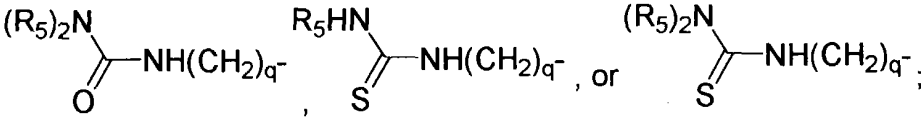
carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,


, ,

 ,  ,

 ,  ,

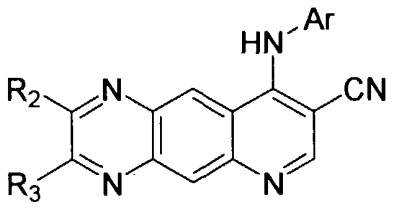
 , 



or a pharmaceutically acceptable salt thereof.

Claim 7 (original). The compound according to claim 6 wherein R_2 is hydrogen.

Claim 8 (original). The compound of claim 1, having the structure

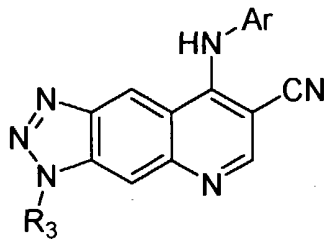


wherein

R_2 and R_3 are hydrogen;

or a pharmaceutically acceptable salt thereof.

Claim 9 (original). The compound of claim 1, having the structure

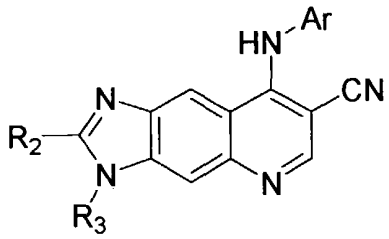


wherein

R_3 is hydrogen;

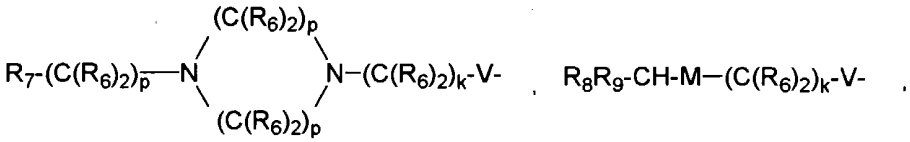
or a pharmaceutically acceptable salt thereof.

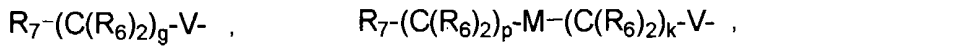
Claim 10 (original). The compound of claim 1, having the structure

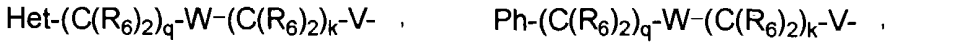


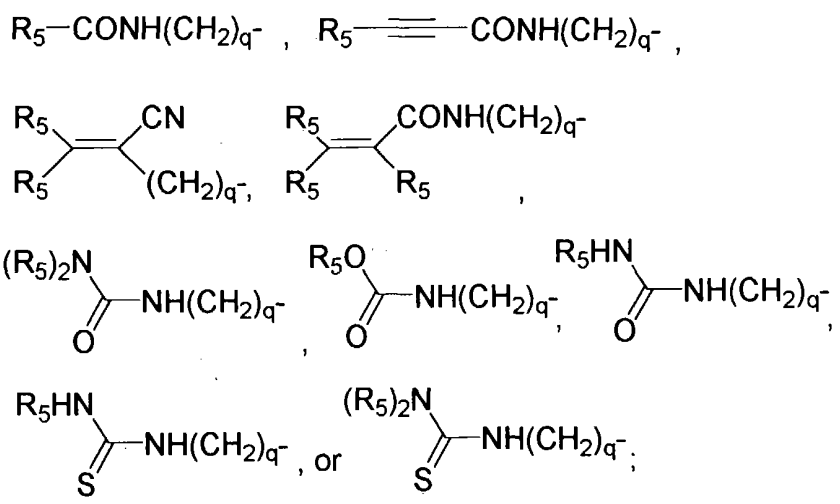
wherein

R_2 is hydrogen, amino, hydroxyamino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, alkenylsulfonamido of 2-6 carbon atoms, alkynylsulfonamido of 2-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,N-alkyl-N-alkenylamino of 4 to 12 carbon atoms, N,N-dialkenylamino of 6-12 carbon atoms, phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,

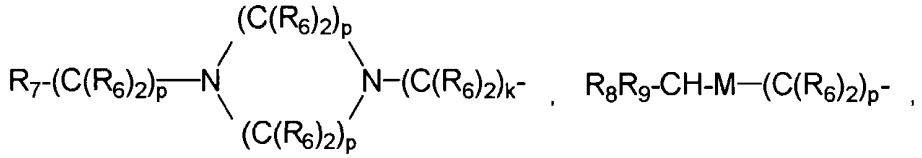


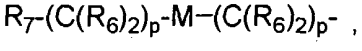


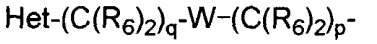


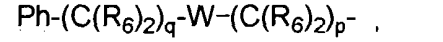


R_3 is hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, hydroxyalkyl of 2-6 carbon atoms; mercaptoalkyl of 2-6 carbon atoms, phenyl, benzyl,



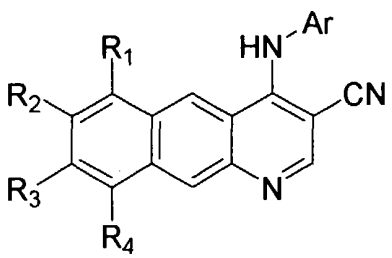






or a pharmaceutically acceptable salt thereof.

Claim 11 (currently amended). The compound of claim 1, having the structure



wherein

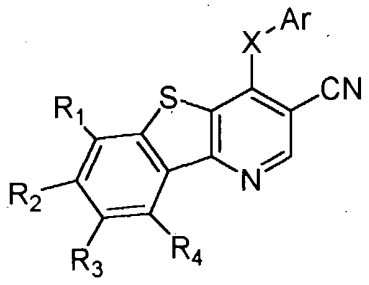
~~Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or~~

Ar is the radical:

R_1 and R_4 are hydrogen;

or a pharmaceutically acceptable salt thereof.

Claim 12 (original). The compound of claim 1, having the structure

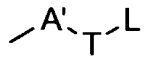


wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms,

halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

Ar is the radical:

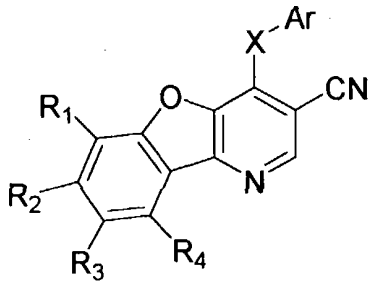


;

R_4 is hydrogen and

one or two of the substituents R_1, R_2 and R_3 are as defined above, the remaining being hydrogen; or a pharmaceutically acceptable salt thereof.

Claim 13 (original). The compound of claim 1, having the structure



wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms,

alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

Ar is the radical:

;

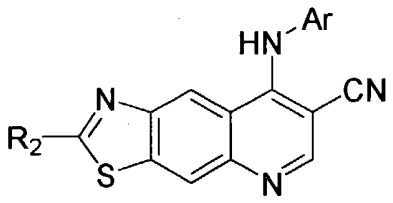
R_4 is hydrogen and

one or two of the substituents R_1, R_2 and R_3 are as herein above described,

the remaining being hydrogen;

or a pharmaceutically acceptable salt thereof.

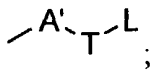
Claim 14 (original). The compound of claim 1, having the structure



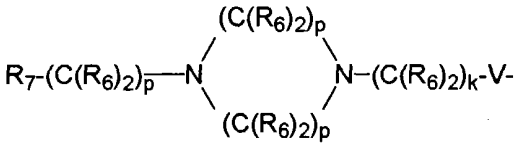
wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

Ar is the radical:


;

R_2 is hydrogen, amino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,

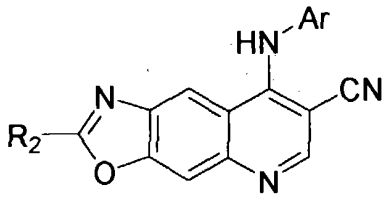

, R_8R_9-CH-M—$(C(R_6)_2)_k$-V- ,

R_7-$(C(R_6)_2)_g$-V- , R_7-$(C(R_6)_2)_p$-M-$(C(R_6)_2)_k$-V- ,

Het-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- , Ph-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- ,

or a pharmaceutically acceptable salt thereof.

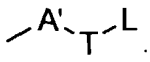
Claim 15 (original). The compound of claim 1, having the structure



wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

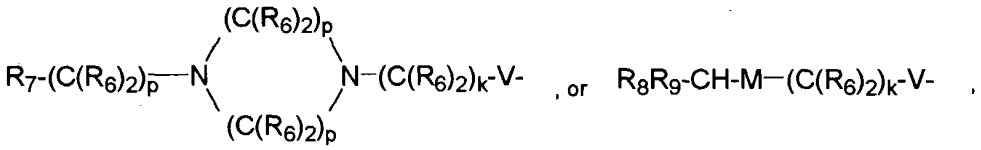
Ar is the radical:



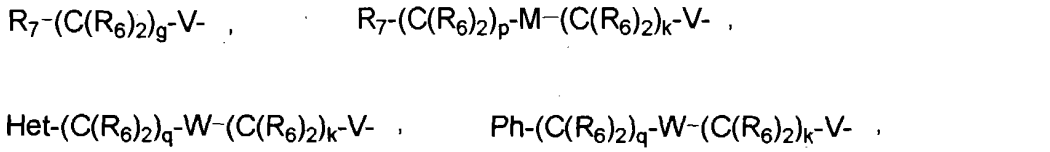
;

R_2 is hydrogen, amino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of 2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms,

N,N-dialkylcarbamoyl of 3-13 carbon atoms,phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,



R_7-$(C(R_6)_2)_p$-N(-$(C(R_6)_2)_p$-)-N-$(C(R_6)_2)_k$-V- , or R_8R_9-CH-M-$(C(R_6)_2)_k$-V- ,



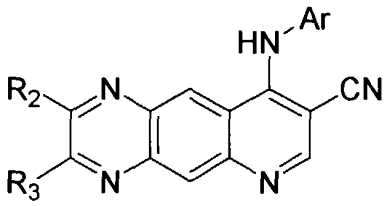
R_7-$(C(R_6)_2)_g$-V- , R_7-$(C(R_6)_2)_p$-M-$(C(R_6)_2)_k$-V- ,

Het-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- , Ph-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- ,

or a pharmaceutically acceptable salt thereof.

Claim 16 (original). The compound according to claim 15 wherein R_2 is hydrogen.

Claim 17 (original). The compound of claim 1, having the structure



wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms,

alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

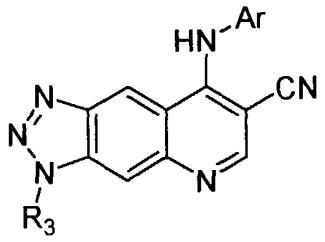
Ar is the radical:

;

R_2 and R_3 are hydrogen;

or a pharmaceutically acceptable salt thereof.

Claim 18 (original). The compound of claim 1, having the structure

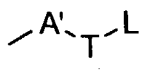


wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms,

N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

Ar is the radical:

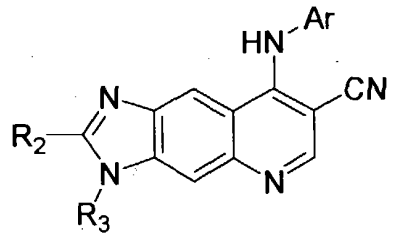


;

R_3 is hydrogen;

or a pharmaceutically acceptable salt thereof.

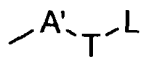
Claim 19 (original). The compound of claim 1, having the structure



wherein

Ar is a phenyl ring which may be optionally mono-, di- or tri-substituted with a substituent selected from the group consisting of halogen, alkyl of 1-6 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, azido, hydroxyalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkanoyloxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, alkylthio of 1-6 carbon atoms, hydroxy, trifluoromethyl, cyano, nitro, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, benzoyl, amino, alkylamino of 1-6 carbon atoms, dialkylamino of 2-12 carbon atoms, alkanoylamino of 1-6 carbon atoms, alkenoylamino of 3-8 carbon atoms, alkynoylamino of 3-8 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms, and benzoylamino; or

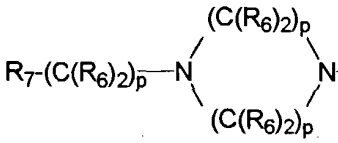
Ar is the radical:



;

R_2 is hydrogen, amino, hydroxyamino, trifluoromethyl, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, alkenyloxy of

2-6 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, mercaptoalkyl of 1-6 carbon atoms, halomethyl, alkoxymethyl of 2-7 carbon atoms, alkoxy of 1-6 carbon atoms, cycloalkoxy of 3-8 carbon atoms, alkylthio of 1-6 carbon atoms, cycloalkylthio of 3-8 carbon atoms, alkylsulphinyl of 1-6 carbon atoms, alkylsulfonyl of 1-6 carbon atoms, alkylsulfonamido of 1-6 carbon atoms, alkenylsulfonamido of 2-6 carbon atoms, alkynylsulfonamido of 2-6 carbon atoms, cyano, carboxy, alkoxycarbonyl of 2-7 carbon atoms, alkanoyl of 2-7 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,N-alkyl-N-alkenylamino of 4 to 12 carbon atoms, N,N-dialkenylamino of 6-12 carbon atoms, phenylamino, benzylamino, phenoxy, phenyl, thiophenoxy, benzyl, alkylamino of 1-6 carbon atoms, dialkylamino of 2 to 12 carbon atoms, alkanoyloxy of 1-6 carbon atoms, alkenoyloxy of 3-8 carbon atoms, alkynoyloxy of 3-8 carbon atoms, carbamoyl, N-alkylcarbamoyl of 2-7 carbon atoms, N,N-dialkylcarbamoyl of 3-13 carbon atoms,

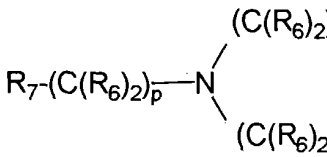


, R_8R_9-CH-M-$(C(R_6)_2)_k$-V- ,

R_7-$(C(R_6)_2)_g$-V- , R_7-$(C(R_6)_2)_p$-M-$(C(R_6)_2)_k$-V- ,

Het-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- , Ph-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_k$-V- ,

R3 is hydrogen, alkyl of 1-6 carbon atoms, cycloalkyl of 3-8 carbon atoms, alkenyl of 2-6 carbon atoms, alkynyl of 2-6 carbon atoms, hydroxyalkyl of 2-6 carbon atoms; mercaptoalkyl of 2-6 carbon atoms, phenyl, benzyl,



, R_8R_9-CH-M-$(C(R_6)_2)_p$- ,

R_7-$(C(R_6)_2)_p$- , R_7-$(C(R_6)_2)_p$-M-$(C(R_6)_2)_p$- ,

Het-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_p$- , Ph-$(C(R_6)_2)_q$-W-$(C(R_6)_2)_p$- ,

or a pharmaceutically acceptable salt thereof.

Claim 20 (currently amended). The compound of claim 1, which is:

~~a)4-(4-phenoxyanilino)benzo[g]quinoline-3-carbonitrile;~~

~~b)4-(3-chloro-4-fluoroanilino)benzo[g]quinoline-3-carbonitrile;~~

~~c)4-(4-chloro-5-methoxy-2-methylanilino)benzo[g]quinoline-3-carbonitrile;~~

~~d)7,8-dimethoxy-4-(4-phenoxyanilino)benzo[g]quinoline-3-carbonitrile;~~

~~e)4-(4-chloro-5-methoxy-2-methylanilino)-7,8-dimethoxybenzo[g]quinoline-3-carbonitrile;~~

~~f)4-(3-chloro-4-fluoroanilino)-7,8-dimethoxybenzo[g]quinoline-3-carbonitrile;~~

~~g)4-(2,4-dichloroanilino)-7,8-dimethoxybenzo[g]quinoline-3-carbonitrile;~~

~~h)4-(2,4-dichloroanilino)-7,8-dihydroxybenzo[g]quinoline-3-carbonitrile;~~

~~i)~~a) 8-(3,4,5-trimethoxyanilino)-3H-[1,2,3]triazolo[4,5-g]quinoline-7-carbonitrile,

~~j)~~b) 9-(4-chloro-5-methoxy-2-methylanilino)pyrido[2,3-g]quinoxaline-8-carbonitrile,

~~k)~~c) 8-(5-methoxy-2-methylanilino)-2-{[2-(4-morpholinyl)ethyl]amino}imidazo[4,5-g]quinoline-7-carbonitrile,

~~l)~~d) 2-{[2-(4-morpholinyl)ethyl]amino}-8-(3,4,5-trimethoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~m)~~e) 2-amino-8-(4-phenoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~n)~~f) 8-(3-bromo-phenylamino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~o)~~g) 8-(2-bromo-4-chlorophenylamino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~p)~~h) 8-(2-bromo-4-chloro-5-methoxyphenylamino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~q)~~i) 8-(2-chloro-5-methoxyphenylamino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~r)~~j) 8-(3-hydroxy-4-methylphenylamino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~s)~~k) 8-(3,4,5-trimethoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~t)~~l) 8-(4-phenoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~u)~~m) 2-(chloromethyl)-8-(3,4,5-trimethoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~v)~~n) 2-(4-morpholinylmethyl)-8-(3,4,5-trimethoxyanilino)imidazo[4,5-g]quinoline-7-carbonitrile,

~~w)~~o) 8-(4-chloro-5-methoxy-2-methylanilino)-3-[2-(4-morpholinyl)ethyl]-3H-imidazo[4,5-g]quinoline-7-carbonitrile,

~~x)~~p) 3-[2-(4-morpholinyl)ethyl]-8-(4-phenoxyanilino)-3H-imidazo[4,5-g]quinoline-7-carbonitrile,

~~y)~~q) 8-[(4-chloro-5-methoxy-2-methylphenyl)amino]-thiazolo[4,5-g]quinoline-7-carbonitrile,

~~z)~~r) 4-(3-bromophenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~aa)~~s) 4-(4-chloro-2-fluorophenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~bb)~~t) 4-(2,4-dichlorophenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~cc)~~u) 4-(2,4-dichloro-5-methoxyphenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~dd)~~v) 4-(4-phenoxyphenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~ee)~~w) 4-(3-hydroxy-4-methylphenylamino)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~ff)~~x) 4-(4-chloro-2-fluorophenoxy)benzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~gg)~~y) 4-(4-chloro-5-methoxy-2-methylphenylamino)-8-nitrobenzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

~~hh)~~z) 8-amino-4-(4-chloro-5-methoxy-2-methylanilino)[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~ii)~~aa) 4-(3-bromoanilino)-6-nitro[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~jj)~~bb) 6-amino-4-(3-bromoanilino)[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~kk)~~cc) 4-(3-bromophenylamino)benzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

~~ll)~~dd) 4-(4-chloro-2-fluorophenylamino)benzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

~~mm)~~ee) 4-(3-hydroxy-4-methylphenylamino)benzo[4,5]furo[3,2-b]pyridine-3-

carbonitrile,

~~mm)ff)~~ 4-(4-phenoxyphenylamino)benzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

~~nn)gg)~~ 4-(4-chloro-2-fluorophenoxy)benzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

~~oo)hh)~~ 4-(2,4-dichloroanilino)-8-nitro[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~pp)ii)~~ 4-(3-bromoanilino)-8-nitro[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~qq)jj)~~ 8-amino-4-(3-bromoanilino)[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

~~rr)kk)~~ N-[4-(3-bromoanilino)-3-cyano[1]benzothieno[3,2-b]pyridin-8-yl]acrylamide,

~~ss)ll)~~ N-[4-(3-bromoanilino)-3-cyano[1]benzothieno[3,2-b]pyridin-6-yl]acrylamide,

~~tt)4-(2,4-dichloroanilino)-7-methoxybenzo[g]quinoline-3-carbonitrile,~~

~~uu)4-(2,4-dichloroanilino)-8-methoxybenzo[g]quinoline-3-carbonitrile,~~

~~vv)4-(2,4-dichloroanilino)-7-hydroxybenzo[g]quinoline-3-carbonitrile,~~

~~ww)4-(2,4-dichloroanilino)-8-hydroxybenzo[g]quinoline-3-carbonitrile,~~

~~xx)4-(2,4-dichloroanilino)-7-[2-(dimethylamino)ethoxy] benzo[g]quinoline-3-carbonitrile,~~

~~yy)4-(4-chloro-5-methoxy-2-methylanilino)-7-methoxy-8-(chloroethoxy)benzo[g]quinoline-3-carbonitrile,~~

~~zz)4-(4-chloro-5-methoxy-2-methylanilino)-8-methoxy-7-(chloroethoxy)benzo[g]quinoline-3-carbonitrile,~~

~~aaa)4-(4-chloro-5-methoxy-2-methylanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile,~~

~~bbb)4-(4-chloro-5-methoxy-2-methylanilino)-8-methoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile,~~

~~ccc)4-(2,4-dichloro-5-methoxyanilino)-7-methoxy-8-(chloroethoxy)benzo[g]quinoline-3-carbonitrile,~~

~~ddd)4-(2,4-dichloro-5-methoxyanilino)-8-methoxy-7-(chloroethoxy)benzo[g]quinoline-3-carbonitrile,~~

~~eee)4-(2,4-dichloro-5-methoxyanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile,~~

~~fff)4-(2,4-dichloro-5-methoxyanilino)-8-methoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile,~~

~~ggg)4-(2,4-dichloro-5-methoxyanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile,~~

~~hhh)4-(2,4-dichloro-5-methoxyanilino)-8-methoxy-7-[2-(4-methyl-1-~~

piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

iii)4-(2,4-dichloro-5-methoxyanilino)-7-methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

jjj)4-(4-chloro-5-methoxy-2-methylanilino)-8-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

kkk)4-(4-chloro-5-methoxy-2-methylanilino)-7-methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

lll)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-8-hydroxy-7-methoxybenzo[g]quinoline-3-carbonitrile;

mmm)8-(2-Chloroethoxy)-4-[3-chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxybenzo[g]quinoline-3-carbonitrile;

nnn)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxy-8-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;

ooo)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-8-(3-chloropropoxy)-7-methoxybenzo[g]quinoline-3-carbonitrile;

ppp)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxy-8-(3-morpholin-4-yl-propoxy)benzo[g]quinoline-3-carbonitrile;

qqq)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxy-8-[2-(4-methylpiperazin-1-yl)ethoxy]-benzo[g]quinoline-3-carbonitrile;

rrr)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxy-8-(2-[1,2,3]triazol-2-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;

sss)4-[3-Chloro-4-(1-methyl-1*H*-imidazol-2-ylsulfanyl)phenylamino]-7-methoxy-8-(2-[1,2,3]triazol-1-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;

ttt)4-(2,4-Dichloro-5-methoxyphenylamino)-8-hydroxy-7-methoxybenzo[g]quinoline-3-carbonitrile;

uuu)8-(3-Chloropropoxy)-4-(2,4-dichloro-5-methoxyphenylamino)-7-methoxybenzo[g]quinoline-3-carbonitrile;

vvv)4-(2,4-Dichloro-5-methoxyphenylamino)-7-methoxy-8-(3-morpholin-4-yl-propoxy)benzo[g]quinoline-3-carbonitrile;

www)4-(2,4-Dichloro-5-methoxyphenylamino)-7-methoxy-8-(2-[1,2,3]triazol-2-yl-

~~ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~xxx)4-(2,4-Dichloro-5-methoxyphenylamino)-7-methoxy-8-(2-[1,2,3]triazol-1-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~yyy)mm)~~ 4-(2,4-Dichloro-5-methoxyanilino)-7,8-dimethoxybenzo[b] [1,8]naphthyridine-3-carbonitrile,

~~zzz)nn)~~8-(2-Chloroethoxy)-4-(2,4-dichloro-5-methoxyanilino)-7-methoxybenzo[b][1,8]naphthyridine-3-carbonitrile,

~~aaaa)oo)~~ 4-(2,4-Dichloro-5-methoxyanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[b][1,8]naphthyridine-3-carbonitrile,

~~bbbb)pp)~~ 8-(2-Chloroethoxy)-4-{3-chloro-4-[(1-methyl-1H-imidazol-2-yl)sulfanyl]anilino}-7-methoxybenzo[b][1,8]naphthyridine-3-carbonitrile,

~~cccc)qq)~~ 4-(2,4-Dichloro-5-methoxyanilino)-7-methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[b][1,8]naphthyridine-3-carbonitrile,

~~dddd)rr)~~ 4-{3-Chloro-4-[(1-methyl-1H-imidazol-2-yl)sulfanyl]anilino}-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[b][1,8]naphthyridine-3-carbonitrile,

~~eeee)ss)~~ 4-(2,4-Dichloroanilino)-7,8-dimethoxybenzo[b] [1,8]naphthyridine-3-carbonitrile,

~~ffff)8-(2-Chloroethoxy)-4-(4-chloro-5-methoxy-2-methylanilino)-7-ethoxybenzo[g]quinoline-3-carbonitrile;~~

~~gggg)8-(2-Chloroethoxy)-4-(2-chloro-4-fluoro-5-methoxyanilino)-7-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~hhhh)7-(2-Chloroethoxy)-4-(2-chloro-4-fluoro-5-methoxyanilino)-8-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~iiii)8-(2-Chloroethoxy)-4-(2-chloro-5-methoxy-4-methylphenylamino)-7-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~jjjj)7-(2-Chloroethoxy)-4-(2-chloro-5-methoxy-4-methylphenylamino)-8-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~kkkk)7-(2-Chloroethoxy)-4-(3-chloro-4-fluoroanilino)-8-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~llll)8-(2-Chloroethoxy)-4-(3-chloro-4-fluoroanilino)-7- methoxybenzo[g]quinoline-3-~~

carbonitrile;

mmmm)4-(4-Benzyloxy-3-chlorophenylamino)-7-(2-chloroethoxy)-8-methoxybenzo[g]quinoline-3-carbonitrile;

nnnn)4-(4-Benzyloxy-3-chlorophenylamino)-8-(2-chloroethoxy)-7-methoxybenzo[g]quinoline-3-carbonitrile;

oooo)7-(2-Chloroethoxy)-4-(3-chloro-4-phenoxyphenylamino)-8-methoxybenzo[g]quinoline-3-carbonitrile;

pppp)8-(2-Chloroethoxy)-4-(3-chloro-4-phenoxyphenylamino)-7-methoxybenzo[g]quinoline-3-carbonitrile;

qqqq)4-(4-Chloro-5-methoxy-2-methylanilino)-8-ethoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

rrrr) 4-(4-Chloro-5-methoxy-2-methylanilino)-7-ethoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

ssss) ({2[4-(4-Chloro-5-methoxy-2-methylphenylamino)-3-cyano-8-ethoxybenzo[g]quinoline-7-yloxy]-ethyl}-ethoxycarbonylmethyl-amino)-acetic acid ethyl ester;

tttt)({2-[4-(4-Chloro-5-methoxy-2-methylphenylamino)-3-cyano-7-ethoxybenzo[g]quinoline-8-yloxy]-ethyl}-ethoxycarbonylmethylamino)-acetic acid ethyl ester;

uuuu)2-(Carbamoylmethyl-{2-[4-(4-chloro-5-methoxy-2-methylphenylamino)-3-cyano-7-ethoxybenzo[g]quinolin-8-yloxy]-ethyl}-amino)-acetamide;

vvvv)4-(2,4-Dichloroanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

wwww)4-(2,4-Dichloroanilino)-8-methoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;

xxxx)8-Methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]-4-(3,4,5-trimethoxyanilino)benzo[g]quinoline-3-carbonitrile;

yyyy)7-Methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]-4-(3,4,5-trimethoxyanilino)benzo[g]quinoline-3-carbonitrile;

~~zzzz)7-Methoxy-8-[2-(4-morpholinyl)ethoxy]-4-(3,4,5-trimethoxyanilino)benzo[g]quinoline-3-carbonitrile;~~

~~aaaaa)8-Methoxy-7-[2-(4-morpholinyl)ethoxy]-4-(3,4,5-trimethoxyanilino)benzo[g]quinoline-3-carbonitrile;~~

~~bbbbb)4-(2-Chloro-4-fluoro-5-methoxyanilino)-8-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~ccccc)4-(2-Chloro-5-methoxy-4-methylanilino)-8-methoxy-7-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~ddddd)4-(2-Chloro-5-methoxy-4-methylanilino)-7-methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~eeeee)4-(2,4-Dichloro-5-methoxyanilino)-7-[2-(4-hydroxy-1-piperidinyl)ethoxy]-8-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~fffff)4-(3-Chloro-4-fluoroanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~ggggg)4-(2,4-Dichloro-5-methoxyanilino)-8-[2-(4-hydroxy-1-piperidinyl)ethoxy]-7-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~hhhhh)4-(2-Chloro-5-methoxy-4-methylanilino)-8-methoxy-7-[2-(4-hydroxy-1-piperidinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~iiiii)4-(2-Chloro-5-methoxy-4-methylanilino)-7-methoxy-8-[2-(4-hydroxy-1-piperidinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~jjjjj)4-(2-Chloro-4-fluoro-5-methoxyanilino)-8-methoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~kkkkk)4-(2-Chloro-4-fluoro-5-methoxyanilino)-7-methoxy-8-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~lllll)4-(2-Chloro-4-fluoro-5-methoxyanilino)-7-methoxy-8-[2-(4-methyl-1-piperazinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~mmmmm)4-(3-Chloro-4-fluoroanilino)-8-methoxy-7-[2-(4-morpholinyl)ethoxy]benzo[g]quinoline-3-carbonitrile;~~

~~nnnnn)4-(3-Chloro-4-phenoxyphenylamino)-7-methoxy-8-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~ooooo)4-(3-Chloro-4-phenoxyphenylamino)-8-methoxy-7-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~ppppp)4-(2-Chloro-5-methoxy-4-methylphenylamino)-8-methoxy-7-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~qqqqq)4-(2-Chloro-5-methoxy-4-methylphenylamino)-7-methoxy-8-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~rrrrr)4-(4-Benzyloxy-3-chlorophenylamino)-8-methoxy-7-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~sssss)4-(4-Benzyloxy-3-chlorophenylamino)-7-methoxy-8-(2-morpholin-4-yl-ethoxy)benzo[g]quinoline-3-carbonitrile;~~

~~ttttt)8-(Benzyloxy)-4-[(2-chloro-4-fluoro-5-methoxyphenyl)amino]-7-methoxybenzo[g]quinoline-3-carbonitrile;~~

~~uuuuu)4-[(2-Chloro-4-fluoro-5-methoxyphenyl)amino]-8-hydroxy-7-methoxybenzo[g]quinoline-3-carbonitrile;~~

or a pharmaceutically acceptable salt thereof.

Claim 21 (original). An intermediate compound selected from the group:

a) 4-oxo-1,4-dihydrobenzo[g]quinoline-3-carbonitrile,

b) 4-chlorobenzo[g]quinoline-3-carbonitrile,

c) 3-(dimethylaminomethyleneamino)-6,7-dimethoxynaphthalene-2-carboxylic acid methyl ester,

d) 7,8-dimethoxy-4-oxo-1,4-dihydrobenzo[g]quinoline-3-carbonitrile,

e) 4-chloro-7,8-dimethoxybenzo[g]quinoline-3-carbonitrile,

f) 7-chloro-6-nitro-4-oxo-1-{[2-(trimethylsilyl)ethoxy]methyl}-1,4-dihydro-3-quinolinecarbonitrile,

g) 6,7-diamino-4-oxo-1-(2-trimethylsilanyl-ethoxymethyl)-1,4-dihydro-quinoline-3-carbonitrile,

h) 8-oxo-5-{[2-(trimethylsilyl)ethoxy]methyl}-5,8-dihydro[1,2,3]triazolo[4,5-g]quinoline-7-carbonitrile,

i) 8-oxo-5,8-dihydro[1,2,3]triazolo[4,5-g]quinoline-7-carbonitrile,

j) 8-chloro[1,2,3]triazolo[4,5-g]quinoline-7-carbonitrile,

k) 2-amino-8-oxo-5-{[2-(trimethylsilyl)ethoxy]methyl-5,8-dihydroimidazo[4,5-g]quinoline-7-carbonitrile,

l) 2-amino-8-oxo-5,8-dihydroimidazo[4,5-g]quinoline-7-carbonitrile,

m) 2-amino-8-chloroimidazo[4,5-g]quinoline-7-carbonitrile,

n) 8-oxo-5,8-dihydroimidazo[4,5-g]quinoline-7-carbonitrile,

o) 8-chloroimidazo[4,5-g]quinoline-7-carbonitrile,

p) 7-cyanoimidazo[4,5-g]quinolin-8-yl(3,4,5-trimethoxyphenyl)formamide,

q) 7-cyanoimidazo[4,5-g]quinolin-8-yl(4-phenoxyphenyl)formamide,

r) 7-{[2-(4-morpholinyl)ethyl]amino}-6-nitro-4-oxo-1-{[2-(trimethylsilyl)ethoxy]methyl}-1,4-dihydro-3-quinolinecarbonitrile,

s) 6-amino-7-{[2-(4-morpholinyl)ethyl]amino}-4-oxo-1-{[2-(trimethylsilyl)ethoxy]methyl}-1,4-dihydro-3-quinolinecarbonitrile,

t) 3-[2-(4-morpholinyl)ethyl]-8-oxo-5,8-dihydro-3H-imidazo[4,5-g]quinoline-7-carbonitrile,

u) 8-chloro-3-[2-(4-morpholinyl)ethyl]-3H-imidazo[4,5-g]quinoline-7-carbonitrile,

v) 1,4-dihydro-7-mercapto-6-nitro-4-oxo-1-[[2-(trimethylsilyl)ethoxy]methyl]-3-quinolinecarbonitrile,

w) 8-hydroxy[1,3]thiazolo[4,5-g]quinoline-7-carbonitrile,

x) 3-(dimethylaminomethyleneamino)benzo[b]thiophene-2-carboxylic acid methyl ester,

y) 4-hydroxybenzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

z) 4-chlorobenzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

aa) 4-hydroxy-8-nitrobenzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

bb) 4-chloro-8-nitrobenzo[4,5]thieno[3,2-b]pyridine-3-carbonitrile,

cc) 4-chloro-6-nitro[1]benzothieno[3,2-b]pyridine-3-carbonitrile,

dd) 3-(dimethylaminomethyleneamino)benzofuran-2-carboxylic acid ethyl ester,

ee) 4-hydroxybenzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

ff) 4-chlorobenzo[4,5]furo[3,2-b]pyridine-3-carbonitrile,

gg) 7-methoxy-4-oxo-1,4-dihydrobenzo[g]quinoline-3-carbonitrile,
hh) 8-methoxy-4-oxo-1,4-dihydrobenzo[g]quinoline-3-carbonitrile,
ii) 4-chloro-7-methoxybenzo[g]quinoline-3- carbonitrile,
jj) 4-chloro-8-methoxybenzo[g]quinoline-3-carbonitrile,
kk) ethyl 7-(2-chloroethoxy)-6-methoxy-3-nitro-2-naphthoate,
ll) ethyl 6-(2-chloroethoxy)-7-methoxy-3-nitro-2-naphthoate,
mm) ethyl 3-amino-7-(2-chloroethoxy)-6-methoxy-2-naphthoate,
nn) ethyl 3-amino-6-(2-chloroethoxy)-7-methoxy-2-naphthoate,
oo) 8-(2-chloroethoxy)-7-methoxy-4-oxo-1,4-dihydrobenzo[*g*]quinoline-3-carbonitrile,
pp) 7-(2-chloroethoxy)-8-methoxy-4-oxo-1,4-dihydrobenzo[*g*]quinoline-3-carbonitrile,
qq) 4-chloro-7-methoxy-8-(2-chloroethoxy)benzo[g]quinoline-3-carbonitrile,
rr) 4-chloro-8-methoxy-7-(2-chloroethoxy)benzo[g]quinoline-3-carbonitrile,
ss) 7,8-dimethoxy-4-oxo-1,4-dihydrobenzo[b] [1,8] naphthyridine-3-carbonitrile,
tt) 4-chloro-7,8-dimethoxybenzo[b] [1,8]naphthyridine-3-carbonitrile,
uu) 8-(2-chloroethoxy)-7-methoxy-4-oxo-1,4-dihydrobenzo[b][1,8]naphthyridine-3-carbonitrile, and
vv) 4-chloro-8-(2-chloroethoxy)-7-methoxybenzo[b] [1,8]naphthyridine-3-carbonitrile.

Claim 22 (original). A method of treating, inhibiting the growth of, or eradicating a neoplasm in a mammal in need thereof which comprises providing to said mammal an effective amount of a compound as described in claim 1.

Claim 23 (original). The method according to claim 22 wherein the neoplasm is selected from the group consisting of breast, kidney, bladder, mouth, larynx, esophagus, stomach, colon, ovary, lung, pancreas, liver, prostate, and skin.

Claim 24 (original). The method according to claim 22 wherein the neoplasm expresses EGFR or erbB2 (Her2).

Claim 25 (original). The method according to claim 22 wherein the neoplasm depends, at least in part, on the MAPK pathway.

Claim 26 (original). The method acording to claim 22 wherein the neoplasm depends, at least in part, on the RAF kinase pathway.

Claim 27 (original). The method acording to claim 22 wherein the neoplasm depends, at least in part, on the SRC kinase pathway.

Claim 28 (original). The method according to claim 22 wherein the neoplasm depends, at least in part, on the ECK/LERK-1 pathway.

Claim 29 (original). The method according to claim 22 wherein the neoplasm depends, at least in part, on the VEGF/KDR pathway.

Claim 30 (original). A method of treating, inhibiting the progression of, or eradicating polycystic kidney disease in a mammal in need thereof which comprises providing to said mammal an effective amount of a compound described in claim 1.

Claim 31 (original). A method of treating, inhibiting, or eradicating colonic polyps in a mammal in need thereof which comprises providing to said mammal an effective amount of a compound described in claim 1.

Claim 32 (original). A method of inhibiting the biological effects of a deregulated protein kinase in a mammal which comprises providing to said mammal an effective amount of a compound described in claim 1.

Claim 33 (original). A method of treating a disease or inhibiting a disease state whose etiology is at least in part caused by a defect in a signaling pathway upstream from a protein kinase; by overexpression of a protein kinase; or by a dysregulated protein kinase in a mammal in need thereof which comprises providing to said mammal an effective amount of a compound described in claim 1.

Claim 34 (original). A pharmaceutical composition which comprises a pharmaceutically acceptable carrier and a compound described in claim 1.

Claim 35 (original). A process for the preparation of a compound as described in the specification for any of Flowsheets 1", 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, or 14.